

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A mobile communication system comprising:
 - a mobile terminal capable of designating a communication quality in requesting communication;
 - a radio base station connected to said mobile terminal through a radio channel;
 - and
 - a radio network controller connected to said radio base station to control the communication quality between said mobile terminal and said radio base station,wherein said radio network controller comprises a communication request reception determination unit for, upon receiving a communication request which designates the communication quality from said mobile terminal, determining whether the received communication request is to be received, on the basis of a communication quality provided to communication which requests without communication quality,
wherein said communication quality is based on an error rate in said radio channel between said mobile terminal and said radio base station.

2. (original): A system according to claim 1, wherein

said radio network controller further comprises a communication quality measurement unit for measuring a communication quality Q provided to communication which requests without communication quality, and

said communication request reception determination unit comprises comparison means for, upon receiving the communication request which designates the communication quality, comparing the measured communication quality Q output from said communication quality measurement unit with a predetermined threshold value,

bandwidth setting means for re-setting an allowable communication bandwidth on the basis of a comparison result from said comparison means, and

determination means for determining whether the communication request is to be received, on the basis of a bandwidth required by the received communication request and the allowable communication bandwidth re-set by said bandwidth setting means.

3. (original): A system according to claim 2, wherein

said communication request reception determination unit further comprises inquiry means for, upon receiving the communication request which designates the communication quality, inquiring of said communication quality measurement unit of the communication quality Q provided to communication which requests without communication quality, and

said communication quality measurement unit measures the communication quality Q and outputs the communication quality to said communication request reception determination unit in response to the inquiry from said inquiry means.

4. (previously presented): ~~A system according to claim 2,~~ A mobile communication system comprising:

a mobile terminal capable of designating a communication quality in requesting communication;

a radio base station connected to said mobile terminal through a radio channel; and
a radio network controller connected to said radio base station to control the communication quality between said mobile terminal and said radio base station,

wherein said radio network controller comprises a communication request reception determination unit for, upon receiving a communication request which designates the communication quality from said mobile terminal, determining whether the received communication request is to be received, on the basis of a communication quality provided to communication which requests without communication quality, and

wherein, when the measured communication quality Q is higher than a first threshold value QH, said bandwidth setting means increases the allowable communication bandwidth by a first predetermined value to re-set a new allowable communication bandwidth, and when the measured communication quality Q is lower than a second threshold value QL ($QL < QH$), said

bandwidth setting means decreases the allowable communication bandwidth by a second predetermined value to re-set a new allowable communication bandwidth, and

when the bandwidth required by the received communication request falls within the re-set allowable communication bandwidth, said determination means permits to receive the communication request, and when the bandwidth required by the received communication request falls outside the re-set allowable communication bandwidth, said determination means denies to receive the communication request.

5. (original): A system according to claim 4, wherein when the measured communication quality Q has a value between the first threshold value Q_H and the second threshold value Q_L , said bandwidth setting means maintains the current allowable communication bandwidth.

6. (original): A system according to claim 4, wherein when the newly set allowable communication bandwidth exceeds a communication bandwidth of the radio channel, the allowable communication bandwidth is set to the communication bandwidth of the radio channel, and when the newly set allowable communication bandwidth is lower than a first predetermined value, the allowable communication bandwidth is set to the first predetermined value.

7. (new) A system according to claim 2, wherein

when the measured communication quality Q is higher than a first threshold value Q_H , said bandwidth setting means increases the allowable communication bandwidth by a first predetermined value to re-set a new allowable communication bandwidth, and when the measured communication quality Q is lower than a second threshold value Q_L ($Q_L < Q_H$), said bandwidth setting means decreases the allowable communication bandwidth by a second predetermined value to re-set a new allowable communication bandwidth, and

when the bandwidth required by the received communication request falls within the re-set allowable communication bandwidth, said determination means permits to receive the communication request, and when the bandwidth required by the received communication request falls outside the re-set allowable communication bandwidth, said determination means denies to receive the communication request.